



### Main

|                                 |                          |
|---------------------------------|--------------------------|
| Range of product                | Harmony XB7              |
| Product or component type       | Pilot light              |
| Device short name               | XB7                      |
| Mounting diameter               | 0.87 in (22 mm)          |
| Sale per indivisible quantity   | 10                       |
| Shape of signaling unit head    | Round                    |
| Cap/operator or lens colour     | Yellow                   |
| Operator additional information | With plain lens          |
| Light source                    | LED                      |
| Bulb base                       | Integral LED             |
| [Us] rated supply voltage       | 230...240 V AC, 50/60 Hz |
| Device presentation             | Monolithic product       |

### Complementary

|                                        |                                                                                                                                                              |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Height                                 | 1.14 in (29 mm)                                                                                                                                              |
| Width                                  | 1.14 in (29 mm)                                                                                                                                              |
| Depth                                  | 2.13 in (54 mm)                                                                                                                                              |
| Terminals description ISO n°1          | (X1-X2)PL                                                                                                                                                    |
| Product weight                         | 0.04 lb(US) (0.02 kg)                                                                                                                                        |
| Device mounting                        | Fixing hole: Ø 0.89 in (22.5 mm) (22.3 +0.4/0) conforming to EN/IEC 60947-5-1                                                                                |
| Fixing center                          | >= 30 x 40 mm on support panel, metal, thickness: 0.04...0.24 in (1...6 mm)<br>>= 30 x 40 mm on support panel, plastic, thickness: 0.08...0.24 in (2...6 mm) |
| Fixing mode                            | Fixing nut beneath head recommended torque: 2...2.4 N.m                                                                                                      |
| Connections - terminals                | Faston connectors(1 x 6.35 mm) conforming to EN/IEC 60947-1<br>Faston connectors(2 x 2.8 mm) conforming to EN/IEC 60947-1                                    |
| [Ui] rated insulation voltage          | 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1                                                                                                  |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-1                                                                                                                            |
| Signalling type                        | Steady                                                                                                                                                       |
| Supply voltage limits                  | 195...264 V AC                                                                                                                                               |
| Current consumption                    | 16...20 mA                                                                                                                                                   |
| Service life                           | 70000 h at rated voltage and 25 °C                                                                                                                           |

### Environment

|                                       |                                                                                       |
|---------------------------------------|---------------------------------------------------------------------------------------|
| protective treatment                  | TH                                                                                    |
| ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                                            |
| ambient air temperature for operation | -13...158 °F (-25...70 °C)                                                            |
| overvoltage category                  | Class II conforming to IEC 60536                                                      |
| IP degree of protection               | IP20 (rear face) conforming to IEC 60529<br>IP65 (front face) conforming to IEC 60529 |
| NEMA degree of protection             | NEMA 12 conforming to UL 50 E<br>NEMA 4 conforming to UL 50 E                         |
| standards                             | EN/IEC 60947-1<br>EN/IEC 60947-5-1<br>JIS C 4520<br>UL 508<br>CSA C22.2 No 14         |
| vibration resistance                  | 5 gn (f = 2...500 Hz) conforming to IEC 60068-2-6                                     |
| shock resistance                      | 50 gn (duration = 11 ms) half sine wave acceleration conforming to IEC 60068-2-27     |
| electromagnetic compatibility         | Disturbing field emission, class B conforming to EN 55011                             |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Offer Sustainability

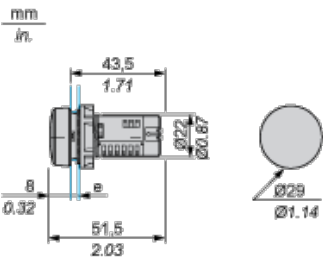
|                                                                                                                                  |                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| WARNING: This product can expose you to chemicals including:                                                                     | WARNING: This product can expose you to chemicals including:                                                                     |
| Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. |
| For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                    | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                    |

Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

Pilot Light with Faston Terminal

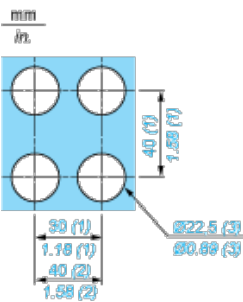
Dimensions



e Support panel thickness: 1 to 6 mm/0.4 to 0.24 in. (metal), 2 to 6 mm/0.8 to 0.24 in. (plastic).

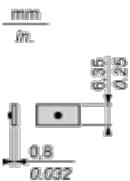
Mounting

Diameter of Finished Fixing Holes

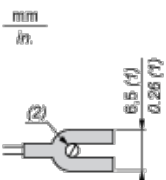


- (1) Minimum value.
- (2) 40 mm/1.58 in. for Emergency switching off pushbutton only.
- (3) Standard value: Ø 22.3 (0; + 0.4) mm/Ø 0.88 (0; + 0.02) in.

Faston Clip Connection



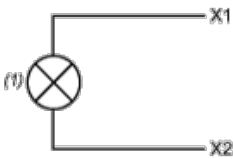
“U” Type Tag Connection



- (1) 6.5 mm/0.26 in. recommended, 7 mm/0.28 in. max.

(2) M3 screw clamp terminal.

Wiring Diagram



(1) LED

# Mouser Electronics

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[XB7EV05MP3](#)